



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>IOWA, Northeast</u>									
Howard County									
1 N Protivin	06	1710CST			0	0	1K		Hail(1.00)
Winneshiek County									
Ridgeway	06	1715CST			0	0	0.75K	0.75K	Hail(1.75)
Winneshiek County									
4 W Decorah	06	1718CST			0	0	2K	0.50K	Hail(1.00)
Winneshiek County									
Decorah	06	1727CST			0	0			Hail(0.75)
Winneshiek County									
5 SE Decorah	06	1739CST			0	0			Hail(0.75)
Allamakee County									
Waukon	06	1750CST			0	0	1K		Hail(1.00)
Dime to golf ball size hail was reported by law enforcement officials and amateur radio operators.									
Floyd County									
Rockford	08	1620CST			0	0			Hail(0.75)
Mitchell County									
2 SE New Haven	08	1655CST			0	0			Hail(0.75)
Howard County									
4 NW Elma	08	1715CST			0	0			Hail(0.75)
Chickasaw County									
Alta Vista	08	1730CST			0	0			Hail(0.75)
Howard County									
Protivin	08	1751CST			0	0			Hail(0.75)
Howard County									
2 W Protivin	08	1755CST			0	0			Hail(1.00)
Chickasaw County									
2 E Ionia	08	1758CST 1801CST	0.2	25	0	0			Tornado (F0)
Howard County									
Protivin	08	1804CST			0	0			Hail(0.88)
Howard County									
Protivin	08	1804CST			0	0	5K		Thunderstorm Wind (G82)
Winneshiek County									
Ridgeway	08	1817CST			0	0			Hail(1.00)
Winneshiek County									
Spillville	08	1818CST			0	0			Hail(0.75)
Winneshiek County									
Decorah	08	1829CST			0	0	0.75K		Hail(1.00)
Winneshiek County									
Decorah	08	1830CST			0	0			Hail(0.75)
Winneshiek County									
Decorah	08	1833CST			0	0			Hail(0.88)
Allamakee County									
2 W Waukon	08	1910CST			0	0	1K		Thunderstorm Wind (G58)
Allamakee County									
2 SE Waukon	08	1910CST 1915CST	0.1	20	0	0	10K		Tornado (F0)



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IOWA, Northeast

Allamakee County

Waukon	08	1915CST			0	0			Funnel Cloud
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Allamakee County

Waukon	08	1916CST			0	0	4.5K		Thunderstorm Wind (G62)
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Straight-line winds of 80 to 100 mph destroyed a pole barn about 1 mile southwest of Protivin (Howard County), blowing debris from the barn about 3/4 of a mile into an open field. A nearby farmer's mill sustained minor damage as well. Several buildings in a lumber yard on the south side of Waukon (Allamakee County) had roof damage, with sections of roof thrown downwind to the southeast. Some sheds and supplies in the lumber yard were also shifted to the east or southeast. Along Highway 76, just southeast of Waukon, a small tornado hit a farm, damaging part of the house and at least one outbuilding. A nearby church was damaged by the same tornado. In fact, a family who had taken shelter inside the church reported a stain glass window was completely gone following the storm, with no evidence of broken glass found anywhere near the building. Storm chasers also reported a brief tornado touchdown in open fields between Ionia and New Hampton (Chickasaw County), but no damage was reported. In addition, hail ranging in size from dimes to quarters was reported by storm spotters and amateur radio operators.

Howard County

Protivin	08	1800CST 1925CST			0	0	25K		Flash Flood
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Winneshiek County

Ridgeway	08	1829CST 1945CST			0	0	8K		Flash Flood
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Winneshiek County

Decorah	08	1845CST 2000CST			0	0	12K		Flash Flood
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Allamakee County

Waukon	08	2000CST 2230CST			0	0	35K		Flash Flood
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Thunderstorms produced 4 inches of rain in about an hour, causing flash flooding. Law enforcement officials reported numerous roads washed out, while 1 to 2 feet of water covered roads in Waukon (Allamakee County) and Protivin (Howard County). Some farmers reported substantial losses to cattle in flooded river bottoms near Village Creek (Allamakee County).

MINNESOTA, Southeast

Dodge County

1 N West Concord	08	1605CST			0	0			Hail(0.75)
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Mower County

5 N Austin	08	1629CST			0	0			Hail(0.75)
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Mower County

5 N Austin	08	1631CST 1632CST			0	0	2K		Hail(1.75)
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Dodge County

Hayfield	08	1642CST			0	0			Hail(0.75)
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Olmsted County

Salem Corners	08	1655CST			0	0			Hail(0.75)
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Olmsted County

Byron	08	1703CST			0	0			Hail(0.75)
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Olmsted County

Byron	08	1706CST			0	0	1.5K		Hail(1.00)
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					Killed	Injured	Property	Crops	
<u>MINNESOTA, Southeast</u>									
Olmsted County									
1 S Genoa	08	1708CST			0	0			Hail(1.00)
Fillmore County									
5 N Spring Vly	08	1715CST			0	0			Hail(0.75)
Olmsted County									
Rochester	08	1718CST			0	0	7.5K		Hail(1.00)
Olmsted County									
2 S Douglas	08	1720CST			0	0			Hail(1.00)
Olmsted County									
Rochester	08	1733CST			0	0	8.5K		Hail(1.25)
Wabasha County									
Elgin	08	1745CST			0	0	2.5K		Hail(1.00)
Wabasha County									
1 S Wabasha	08	1755CST			0	0			Hail(0.88)
Winona County									
Altura	08	1815CST			0	0			Hail(0.75)
Winona County									
Minnesota City	08	1829CST			0	0			Hail(0.75)
Wabasha County									
Kellogg	08	1915CST			0	0	1.3K		Hail(0.88)
Numerous reports of hail were received from storm spotters and the public, with sizes ranging from dimes and quarters, to as large as golf balls.									
Wabasha County									
Lake City	26	1417CST			0	0			Hail(0.75)
Wabasha County									
Wabasha	26	1435CST			0	0			Hail(0.75)
Law enforcement officials and the public reported dime size hail.									
Dodge County									
8 W Hayfield	27	1625CST			0	0			Hail(0.75)
Mower County									
1 NW Waltham	27	1645CST			0	0			Hail(0.75)
Dime size hail was reported by storm spotters.									

WISCONSIN, Southwest

Clark County								
2 N Loyal	06	1415CST			0	0	1K	Hail(0.88)
Clark County								
5 E Loyal	06	1422CST			0	0		Hail(0.75)
Jackson County								
3 N City Pt	06	1600CST			0	0		Hail(1.00)
Adams County								
New Rome	06	1640CST			0	0	1.5K	Hail(1.25)
Grant County								
Potosi	06	1940CST			0	0		Hail(0.75)
Grant County								
Cuba City	06	2055CST			0	0		Hail(0.75)
Hail as large as quarters and golf balls was reported by the public, as well as law enforcement officials and amateur radio operators								



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<u>WISCONSIN, Southwest</u>								
Buffalo County								
4 W Urne	08	1737CST			0	0	1K	Thunderstorm Wind (G61)
Buffalo County								
Modena	08	1742CST			0	0	6K	Thunderstorm Wind (G70)
Buffalo County								
Fountain City	08	1840CST			0	0	0.75K	Hail(0.75)
Crawford County								
4 E Eastman	08	1957CST			0	0		Thunderstorm Wind (G52)
Richland County								
4 W Richland Center	08	2100CST			0	0		Hail(0.75)
Estimated wind gusts of 70 to 80 mph blew the roof off a barn near Modena (Buffalo County), causing it to collapse. A grain dryer was also blown over. The public and law enforcement officials also reported dime size hail								
Crawford County								
6 NE Mt Sterling	08	2015CST 2230CST			0	0	2.5K	Flash Flood
Crawford County								
Gays Mills	08	2115CST 2250CST			0	0	3K	Flash Flood
Crawford County								
3 N Lynxville	08	2130CST 2245CST			0	0	4.5K	Flash Flood
Richland County								
4 W Richland Center	08 09	2135CST 0100CST			0	0	3.5K	Flash Flood
Rainfall totals of 4 inches in an hour produced flash flooding, including mud and rock slides. Several road washouts occurred, along with reports of flooded basements.								
Adams County								
Adams	11	2054CST 2100CST			0	0		Hail(1.00)
Hail the size of nickels and quarters was reported by an amateur radio operator								
Trempealeau County								
.7 W Arcadia to .5 W Arcadia	26	1455CST 1456CST	0.1	20	0	0		Tornado (F0)
Trempealeau County								
Arcadia	26	1457CST			0	0	18K	Thunderstorm Wind (G62)
Buffalo County								
Mondovi	26	1549CST			0	0		Hail(0.75)
A brief tornado touched down in an open field just west of Arcadia (Trempealeau County), but did no damage. Straight-line winds estimated at around 70 mph destroyed a garage in Arcadia, throwing debris into homes and cars directly across the street. A parade in town had just ended when the storm hit, but there were no injuries reported.								
Vernon County								
Readstown	30	1618CST			0	0	3.5K	Hail(1.00)
Monroe County								
10 NW Tomah	30	1619CST			0	0		Hail(0.75)
Monroe County								
7 NW Wyeville	30	1635CST			0	0		Hail(0.75)
Richland County								
5 S Richland Center	30	1705CST			0	0		Hail(0.75)



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WISCONSIN, Southwest

Adams County

1 E Big Spg	30	1805CST			0	0	0.80K		Hail(1.00)
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Adams County

4 N Plainville	30	1805CST			0	0			Hail(0.88)
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Adams County

4 N Plainville	30	1805CST			0	0	1.2K		Thunderstorm Wind (G57)
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Dime, nickel and quarter size hail was reported by law enforcement officials and the public. In fact, in New Haven township (southeast Adams County), the ground was covered white with hail 2 to 3 inches deep.